SIP Industries

Quality Manufacturers Since 1960

MECHANICAL JOINT GASKETS FOR DUCTILE-IRON PRESSURE PIPE & FITTINGS

Submittal Information

Project Name / Location:	
Engineer:	
Referenced Specs:	
Distributor / Contractor:	

Optional Specifications

Gaskets:	☐	**Standard SBR (Buna-S)** *In Accordance With ANSI/AWWA C111/A21.11*
	☐	**Other - Specify:**

General Specifications

Material : Standard gasket material is Vulcanized Styrene Butadiene Rubber (SBR). Special application elastomers (EPDM, Nitrile, Neoprene, FKM) are available upon request.

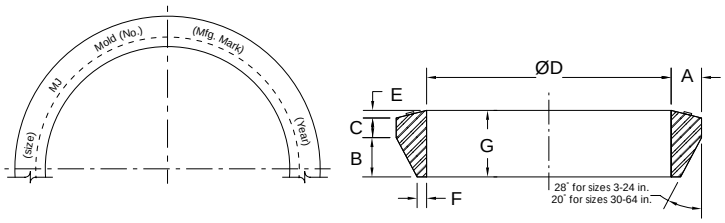
Standards : ANSI/AWWA C111/A21.11 & NSF/ANSI 61

NSF Certified to NSF/ANSI 61 & 372

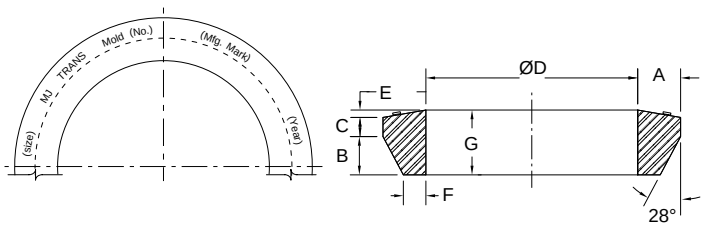
Gasket Types	Maximum Temperature Ratings	Standard Usage
SBR (Styrene Butadiene Rubber/ Buna-S)	150°F	Drinking water, Salt Water, Sanitary Sewage, Reclaimed Water, Raw Water, Storm Water. Not Recommended for Hydrocarbon Service.
EPDM (Ethylene Propylene)	230°F	Alcohols, Dilute Acids, Dilute Alkalis, Ketones (MEK/Acetone), Strong Oxidizing Chemicals; Drinking Water, Salt Water, Sanitary Sewage, Reclaimed Water, Raw Water, Storm Water. Not Recommended for Hydrocarbon Service.
Neoprene (Polychlorprene / CR)	200°F	Hydrocarbons, Unrefined Petroleum Products, Greasy Waste; Salt Water, Sanitary Sewage, Reclaimed Water, Raw Water, Storm Water.
Nitrile (NBR / Buna-N)	150°F	Refined Oils and Fluids, Fats, Greases and Waste; Drinking Water, Sanitary Sewage, Reclaimed Water, Raw Water, Storm Water.
FKM (Flouroelastomer / Viton®)	300°F	Aromatic Hydrocarbons, Chlorinated Hydrocarbons, Vegetable Oils, Most Chemicals; Drinking Water, Reclaimed Water, Raw Water, Storm Water.

Viton® is a registered trademark of E.I. Du Pont De Nemours & Company.

Mechanical-Joint Gasket



Mechanical-Joint Transition Gasket



Gasket markings include size, Manufacturer's mark, Country of origin and Product identification.
No markings are positioned on sealing surfaces per the ANSI/AWWA C111/A21.11 standard.

Mechanical-Joint Gasket Dimensions

Select Size	Size	Pipe OD	A	B	C	D	E	F	G
☐	2	2.50	0.48	0.62	0.31	2.48	0.12	0.15	1.05
☐	3	3.96	0.48	0.62	0.31	3.86	0.12	0.15	1.05
☐	4	4.80	0.62	0.75	0.31	4.68	0.16	0.22	1.22
☐	6	6.90	0.62	0.75	0.31	6.73	0.16	0.22	1.22
☐	8	9.05	0.62	0.75	0.31	8.85	0.16	0.22	1.22
☐	10	11.10	0.62	0.75	0.31	10.87	0.16	0.22	1.22
☐	12	13.20	0.62	0.75	0.31	12.95	0.16	0.22	1.22
☐	14	15.30	0.62	0.75	0.31	14.99	0.16	0.22	1.22
☐	16	17.40	0.62	0.75	0.31	17.07	0.16	0.22	1.22
☐	18	19.50	0.62	0.75	0.31	19.13	0.16	0.22	1.22
☐	20	21.60	0.62	0.75	0.31	21.20	0.16	0.22	1.22
☐	24	25.80	0.62	0.75	0.31	25.34	0.16	0.22	1.22
☐	30	32.00	0.73	1.00	0.38	31.47	0.16	0.37	1.54
☐	36	38.30	0.73	1.00	0.38	37.67	0.16	0.37	1.54
☐	42	44.50	0.73	1.00	0.38	43.78	0.16	0.37	1.54
☐	48	50.80	0.73	1.00	0.38	49.98	0.16	0.37	1.54
☐	54	57.56	0.73	1.00	0.38	56.65	0.16	0.37	1.54
☐	60	61.61	0.73	1.00	0.38	60.67	0.16	0.37	1.54
☐	64	65.67	0.73	1.00	0.38	64.70	0.16	0.37	1.54

Mechanical-Joint Transition Gasket Dimensions

Select Size	Size	Pipe OD	A	B	C	D	E	F	G
☐	2	2.38	0.57	0.62	0.31	2.28	0.16	0.24	1.08
☐	3	3.50	0.70	0.62	0.31	3.45	0.16	0.37	1.11
☐	4	4.50	0.77	0.75	0.31	4.43	0.16	0.37	1.26
☐	6	6.63	0.76	0.75	0.31	6.53	0.16	0.36	1.25
☐	8	8.63	0.82	0.75	0.31	8.50	0.16	0.42	1.27
☐	10	10.75	0.79	0.75	0.31	10.59	0.16	0.39	1.26
☐	12	12.75	0.84	0.75	0.31	12.56	0.16	0.44	1.28

Please refer to our web page **www.sipindustries.com** *for up to date product data and technical advisories*

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